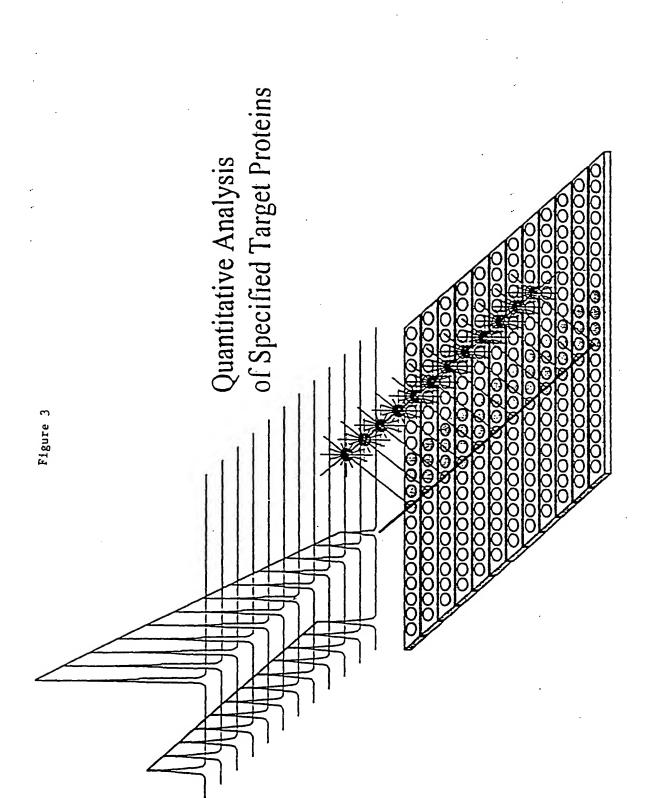


Figure

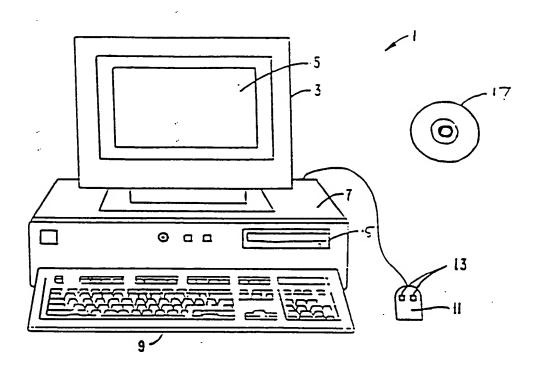
RAYS

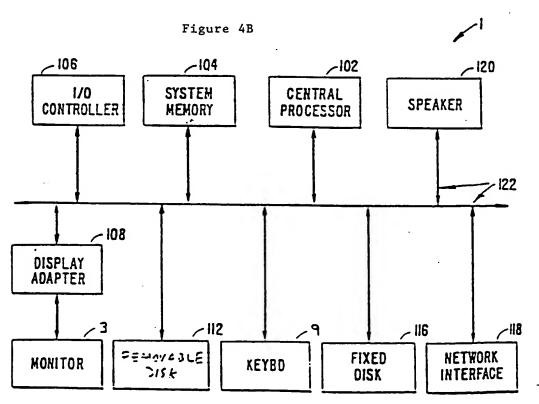


Sheet 4 f 44

ř

Figure 4A





Arty. Docket No.: 16800-002112
Applicant: T. William Hutchens, et al.
Title: F TINTATE CHROMATOGRAPHY AND PROTEIN CHIT RRAYS
WITH APPLICATIONS IN BIOLOGY

Figure 5A

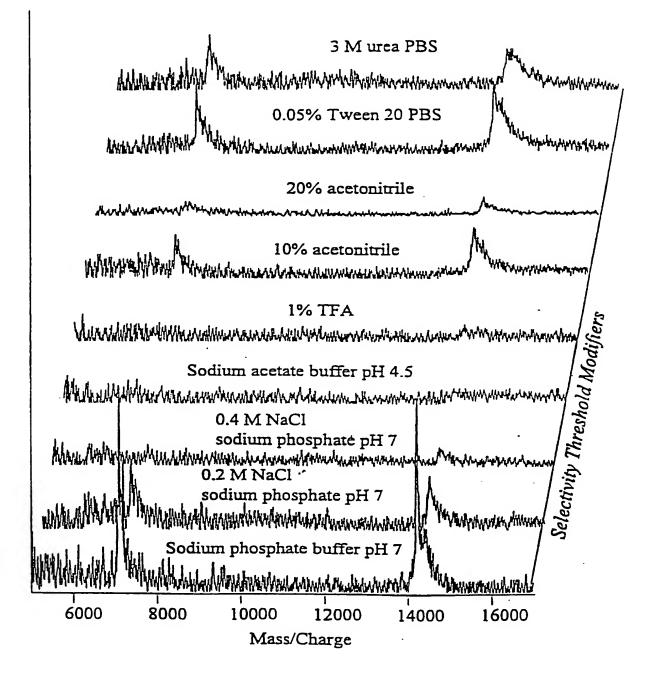
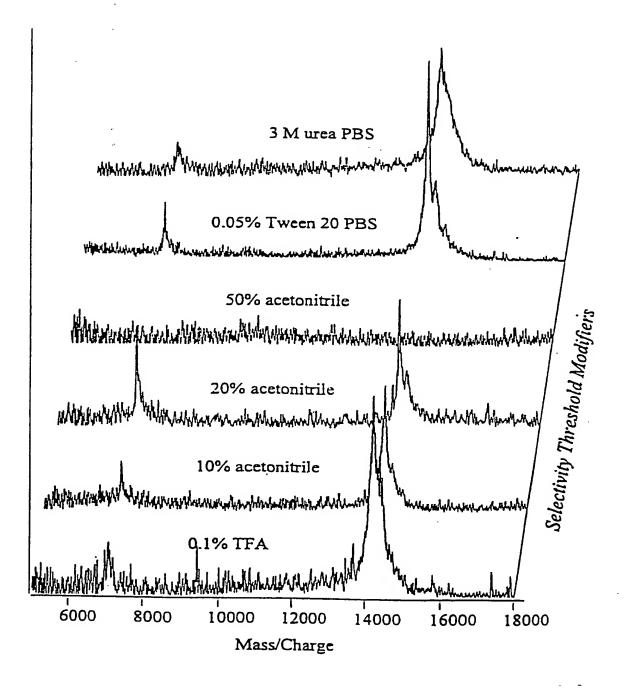


Figure 5B



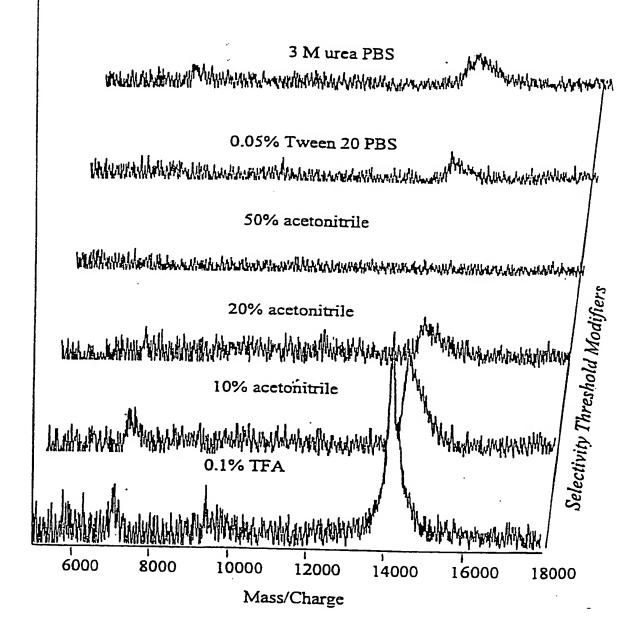


Figure 5D

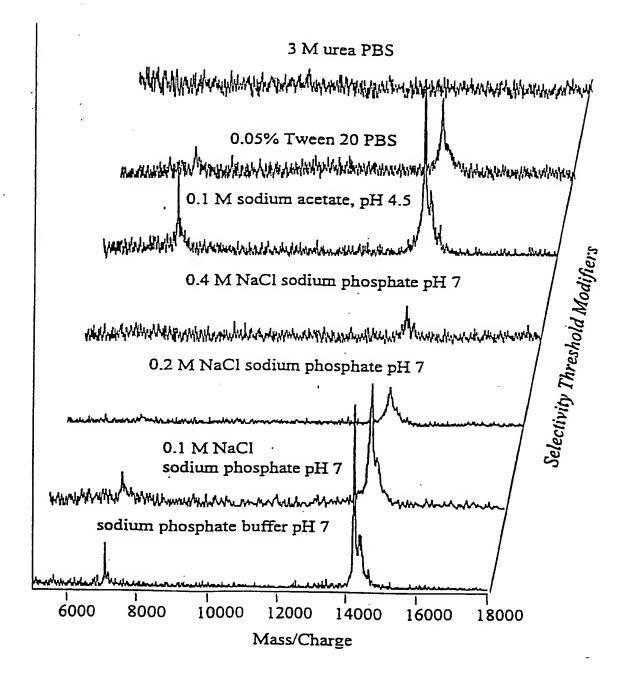


Figure 5E

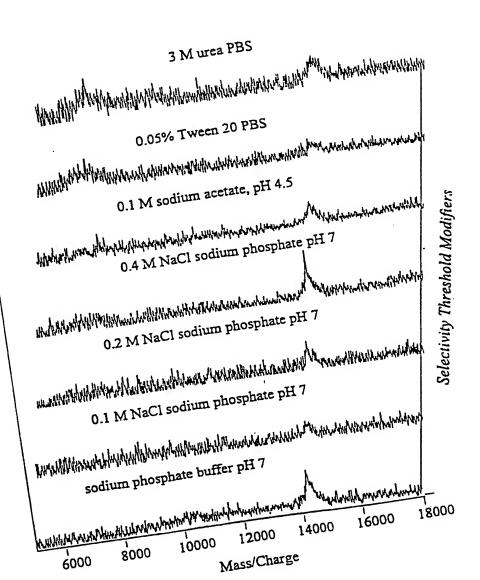


Figure 5F

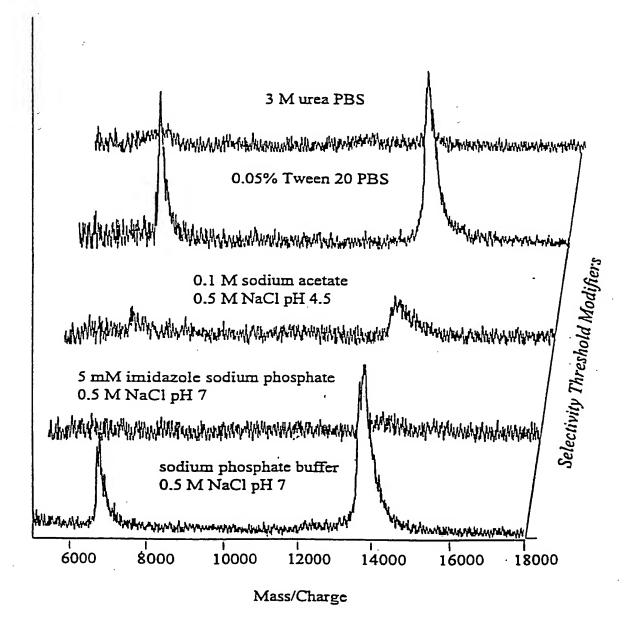
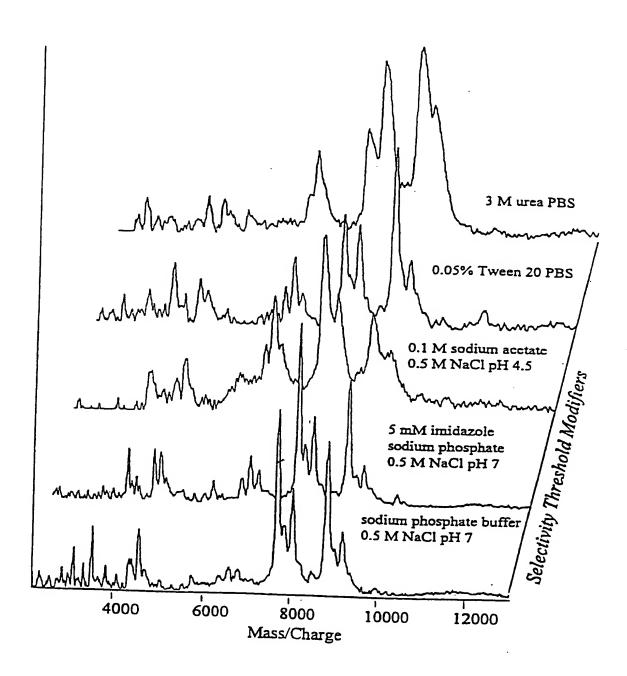
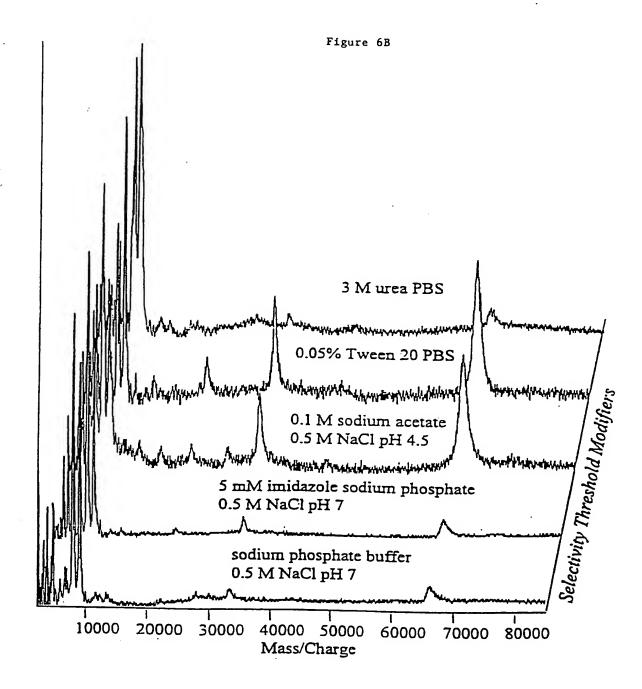


Figure 6A



**YIP ARRAYS** 



Title:

TATE CHROMATOGRAPHY AND PROTEIN WITH APPLICATIONS IN BIOLOGY Sheet 13 of 44

Figure 7A

`RRAYS

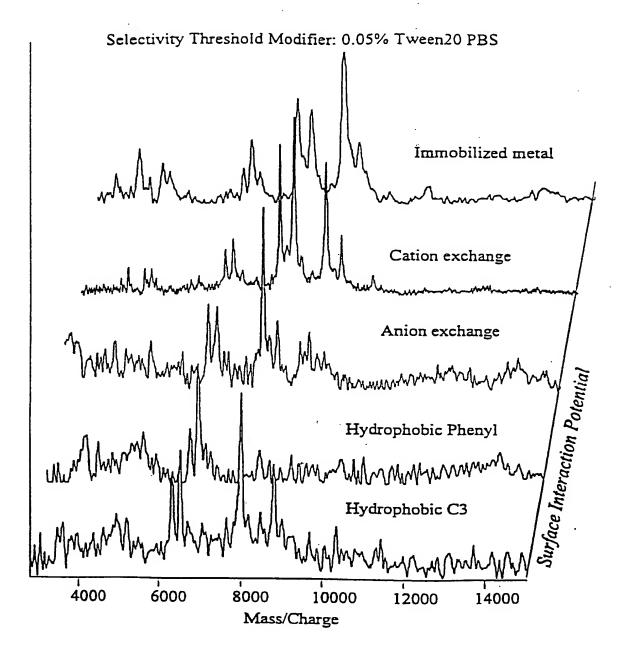
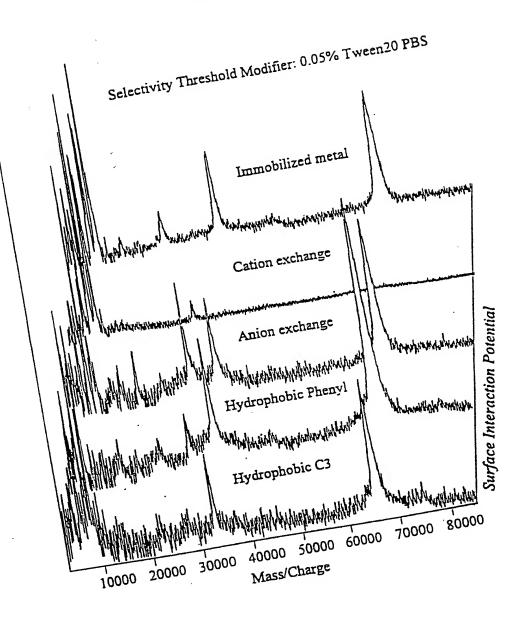


Figure 7B



## Figure 8A

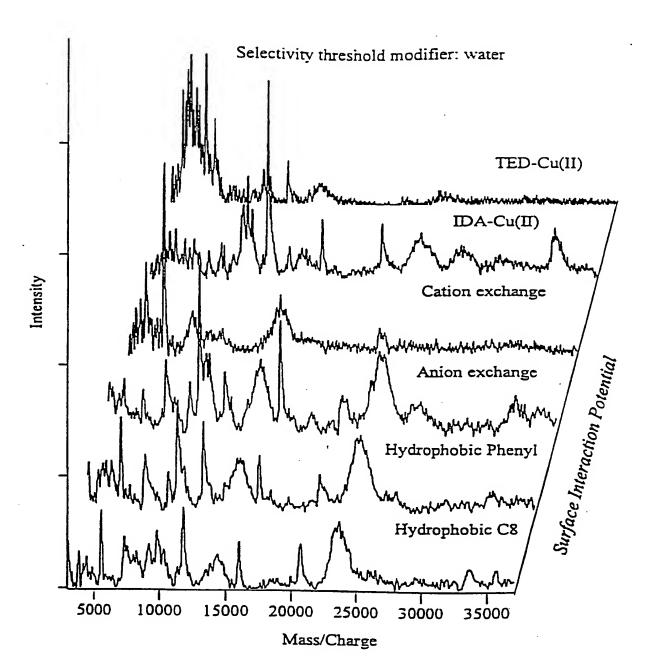
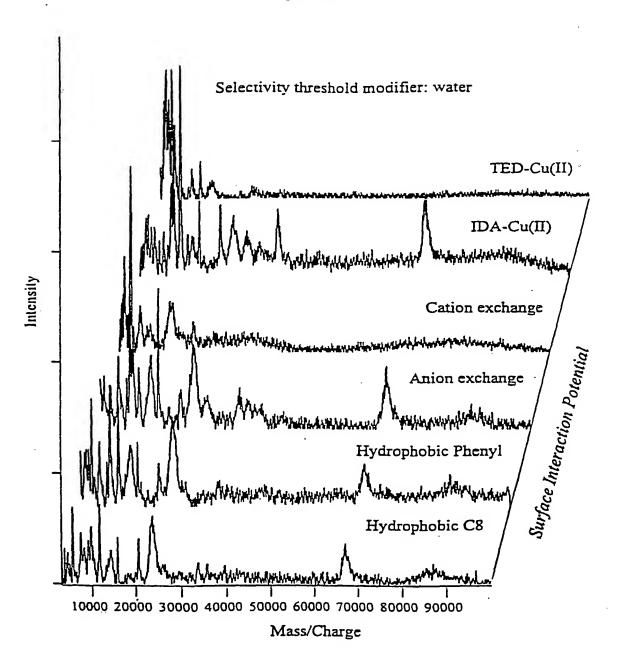
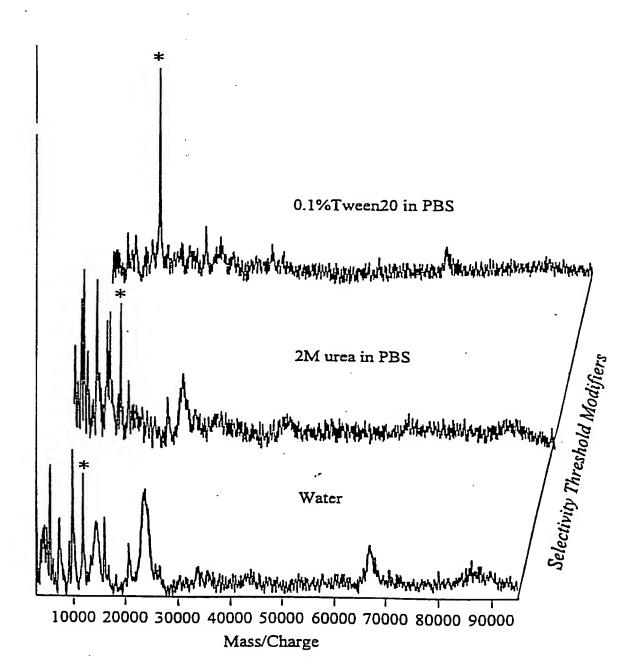


Figure 8B



Sheet 17 f 44

Fig. 9



;ARRAYS

Figure 10A

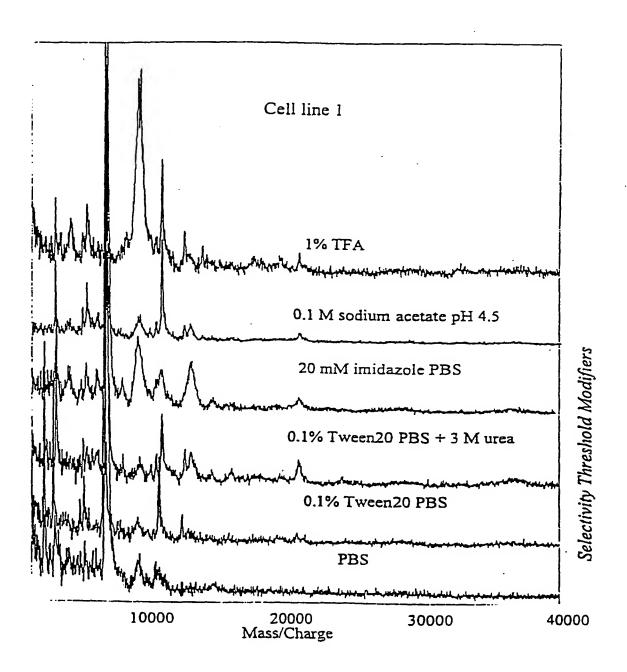


Figure 10B

RAYS

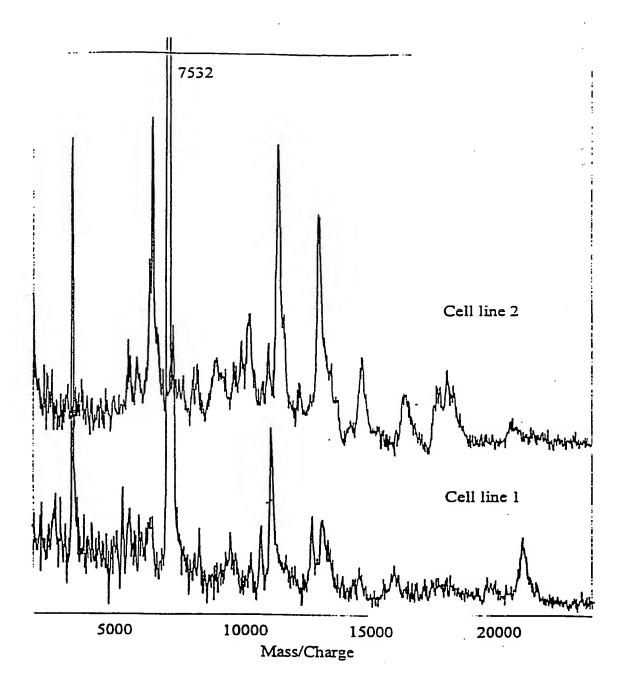


Figure 10C

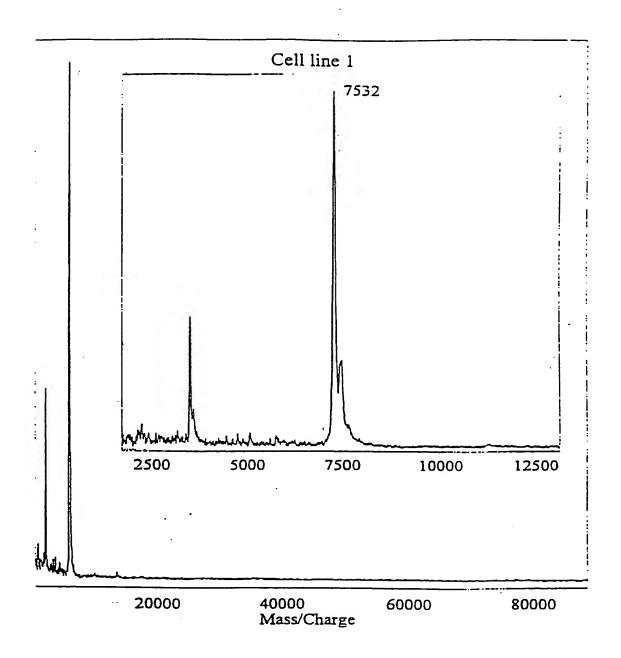
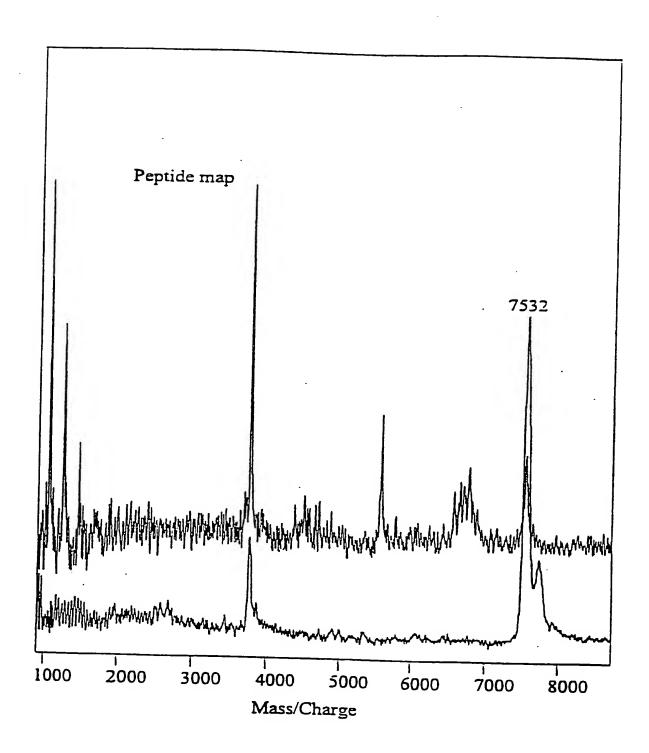
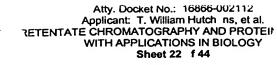
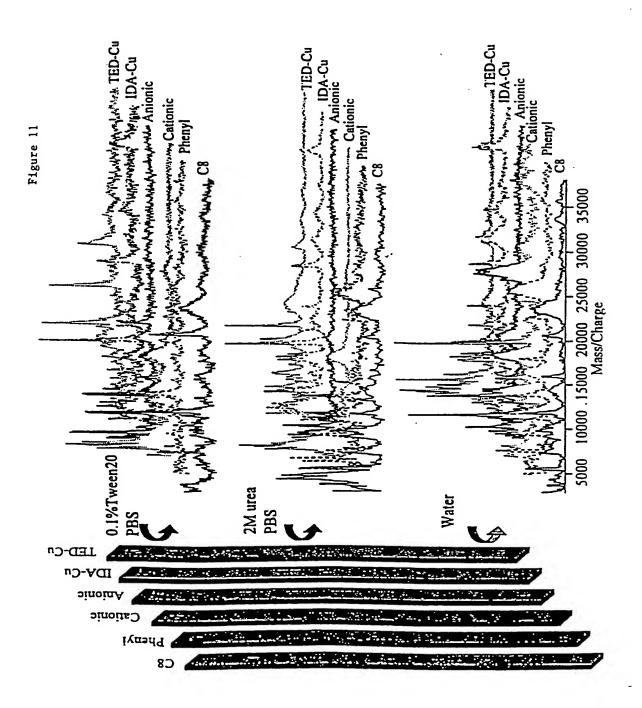


Figure 10D







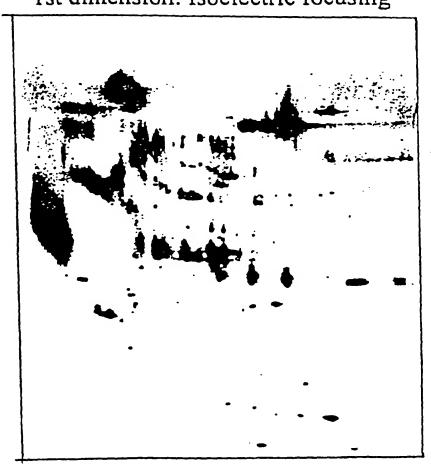


Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, t al.
TENTATE CHROMATOGRAPHY AND PROTEIN (
WITH APPLICATIONS IN BIOLOGY
Sheet 23 of 44

**ARRAYS** 

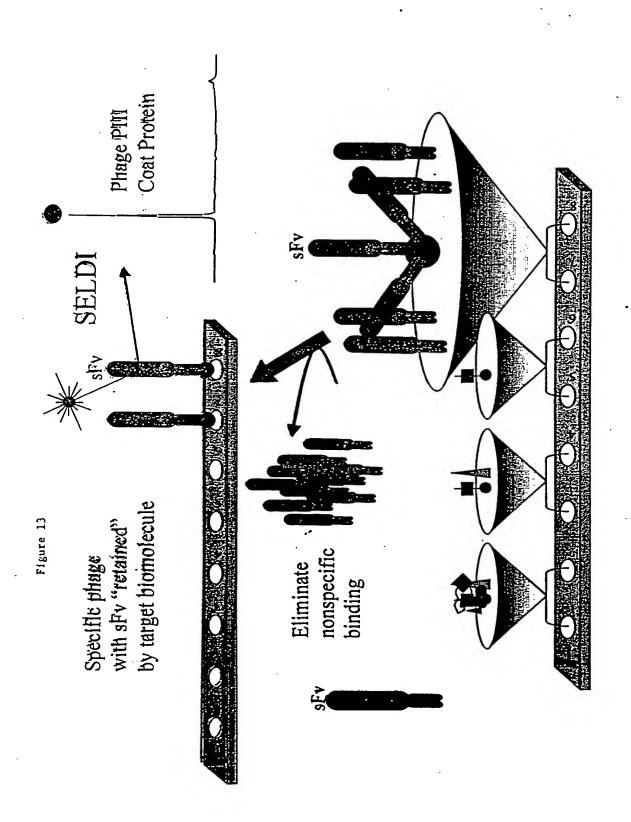
Figure 12

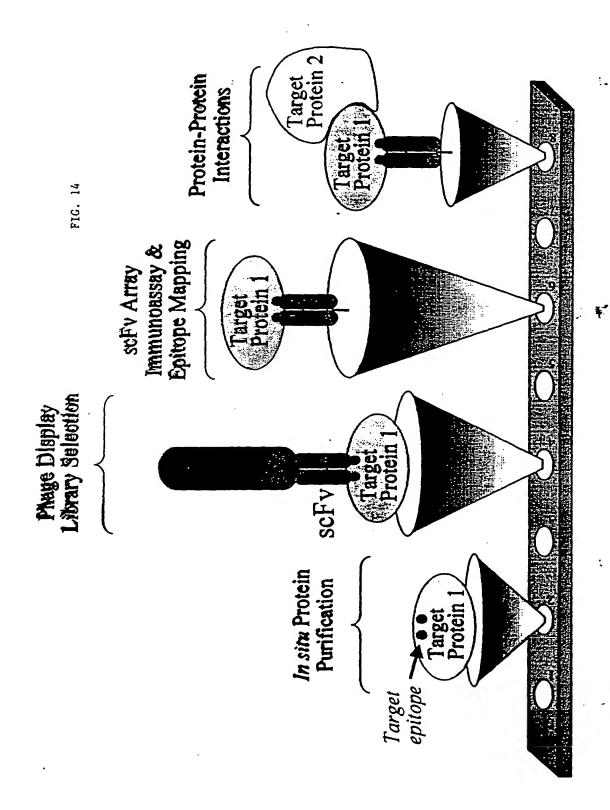
## 1st dimension: Isoelectric focusing



2nd dimension: SDS PAGE

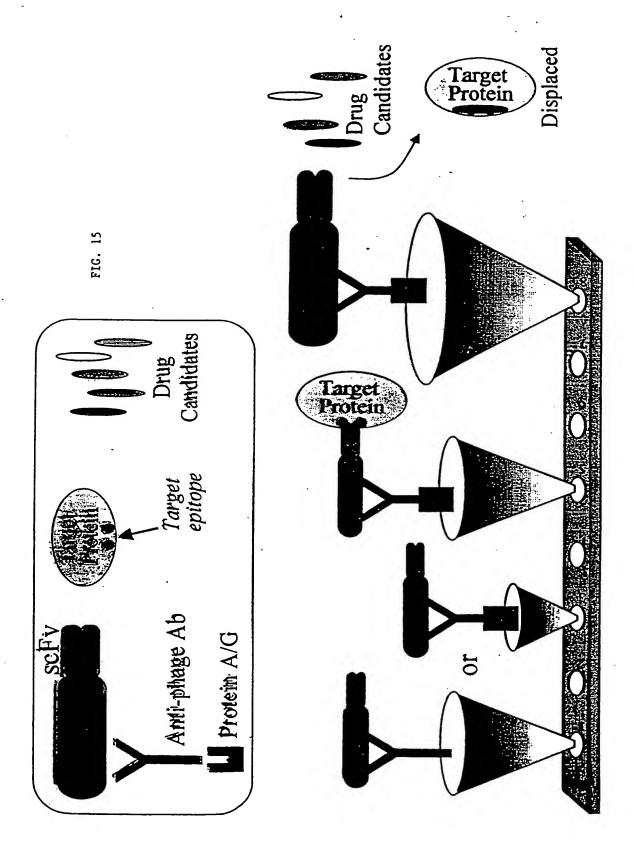
Atty. Docket No.: 16866-002112
Applicant: T. William Hutch ins, et al.
Title: TENTATE CHROMATOGRAPHY AND PROTEIN CHITARRAYS
WITH APPLICATIONS IN BIOLOGY
Sheet 24 f 44





Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, et al.
'E CHROMATOGRAPHY AND PROTEIN CHIP AR'
WITH APPLICATIONS IN BIOLOGY
Sheet 26 of 44

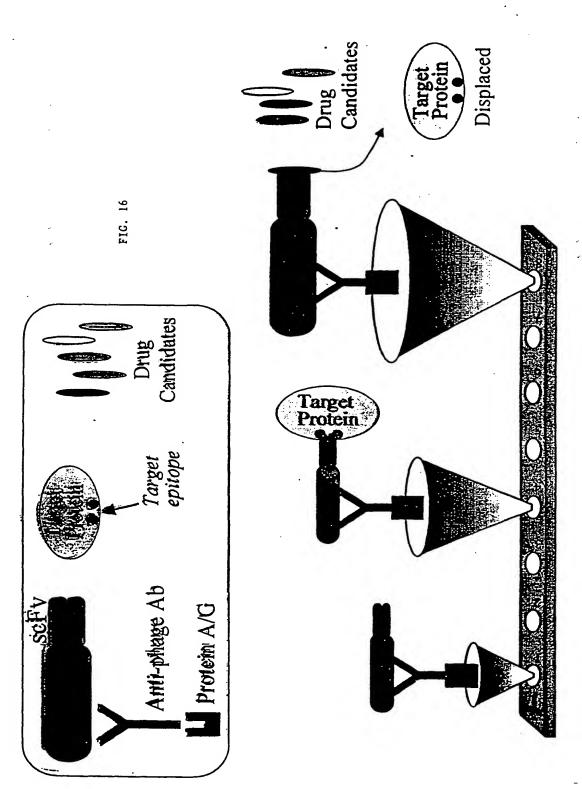
Title: RETEN

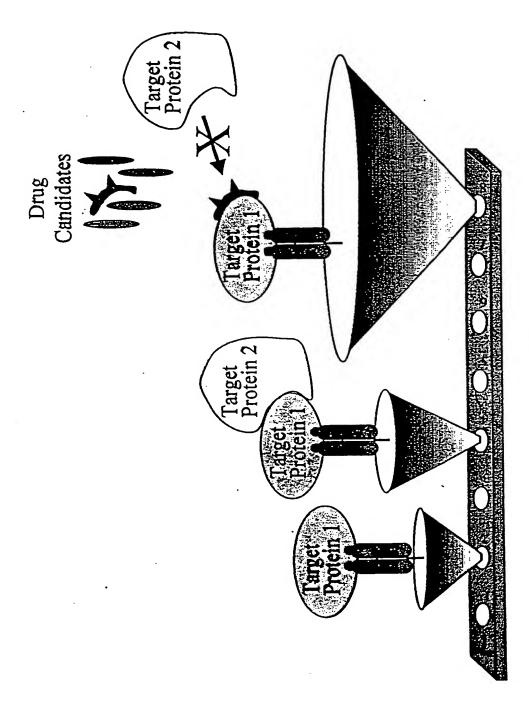


Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, et al.
ITATE CHROMATOGRAPHY AND PROTEIN CHIF
WITH APPLICATIONS IN BIOLOGY
Sheet 27 f 44

RAYS

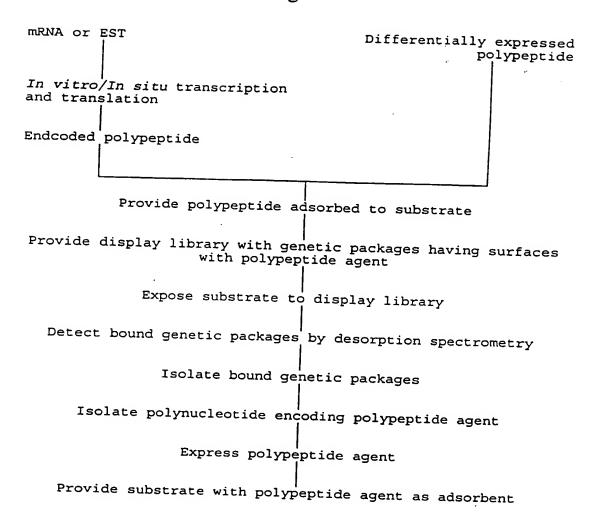
Title: R'





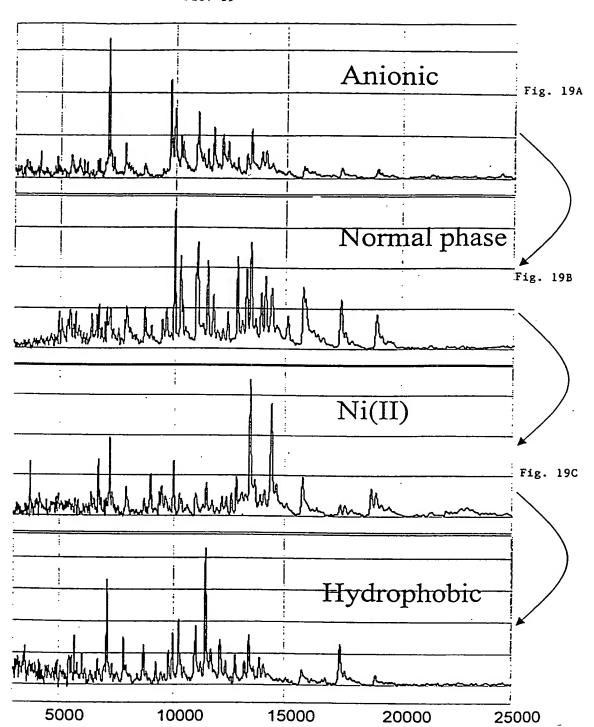
Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, t al.
Title: RET ATE CHROMATOGRAPHY AND PROTEIN CHIP / .YS
WITH APPLICATIONS IN BIOLOGY
Sheet 29 f 44

Fig. 18

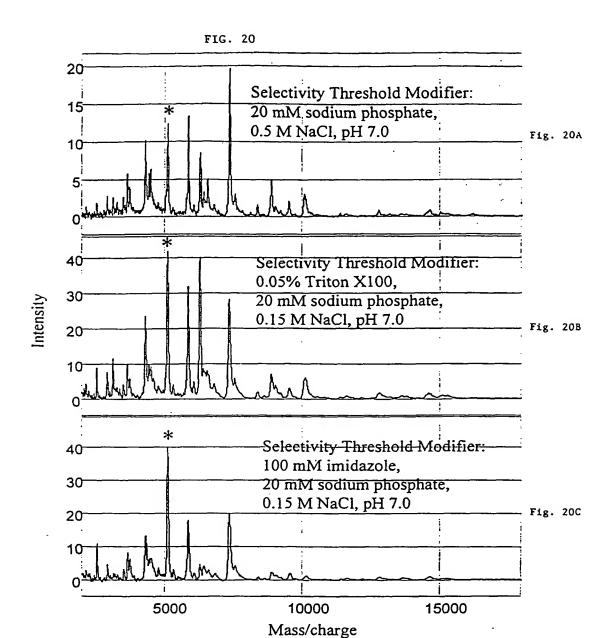


Atty. Docket No.: 16866-002112
Applicant: T. William Hutch ns, t al.
Title: Rr VTATE CHROMATOGRAPHY AND PROTEIN CHIF `RAYS
WITH APPLICATIONS IN BIOLOGY
Sheet 30 of 44

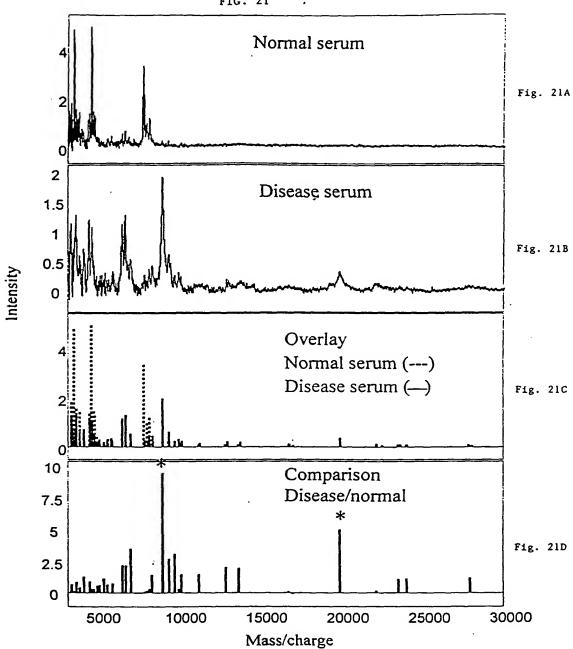




Title: RF

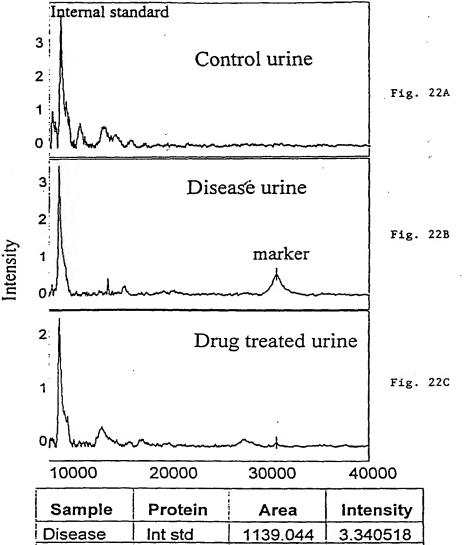






**Sheet 33 of 44** 





Sample	Protein	Area	Intensity		
Disease	Int std	1139.044	3.340518		
	marker	695.4804	0.580081	Fig. 22	225
Drug treated	Int std	1383.883	3.780178		220
į į	marker	71.05119	0.143227		

Normalized marker peak area (marker/internal std):

Control

0.0

Disease

0.61

Drug treated

0.05

Retentate Map<sup>TM</sup> of Human Urine SELDI ProteinChip<sup>TM</sup> Array

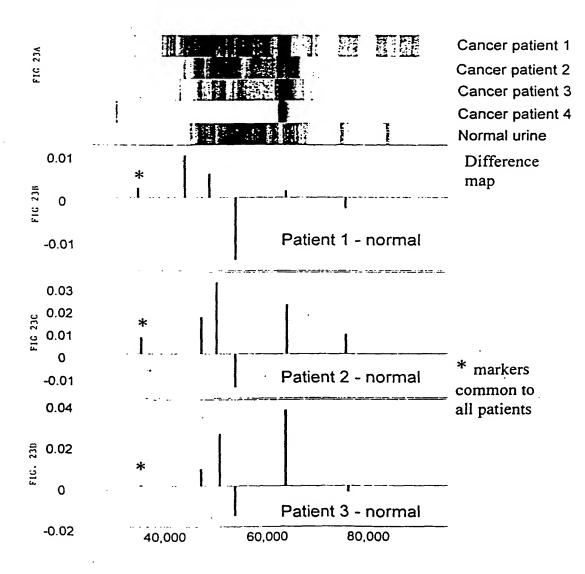


FIG. 24

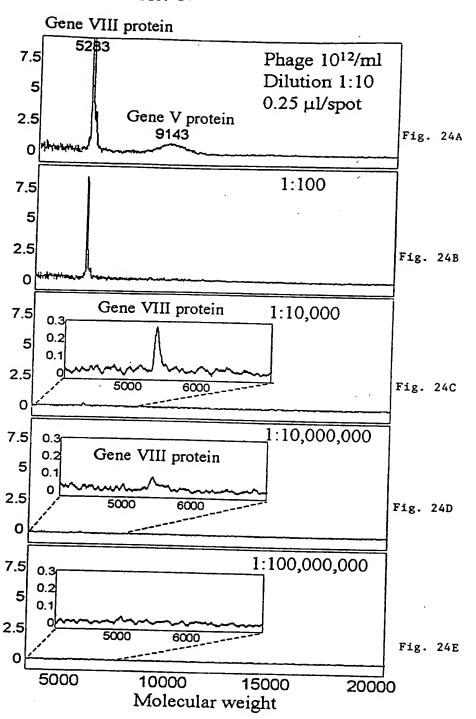
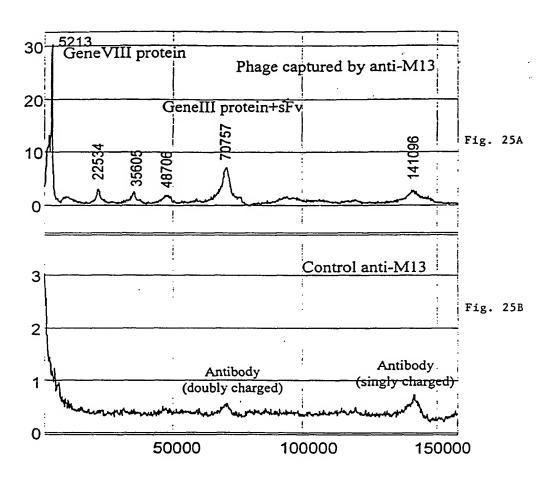


FIG. 25

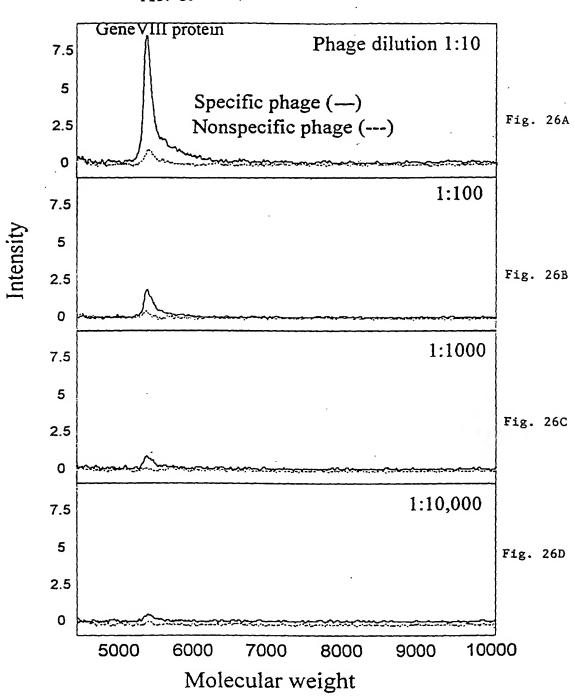


Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, et al.
ENTATE CHROMATOGRAPHY AND PROTEIN CI WITH APPLICATIONS IN BIOLOGY Sheet 37 of 44

**RRAYS** 

FIG. 26

Title:

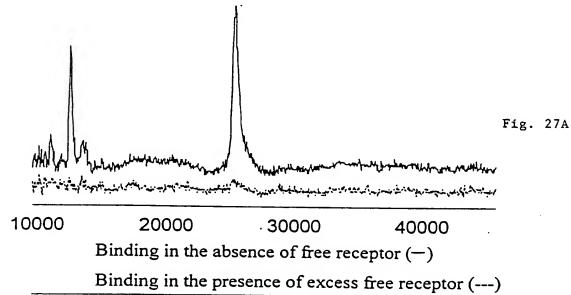


Atty. Docket No.: 16866-002112
Applicant: T. William Hutch ns, et al.
TE CHROMATOGRAPHY AND PROTEIN CHIP AF

Title: RETF TE CHROMATOGRAPHY AND PROTEIN WITH APPLICATIONS IN BIOLOGY
Sheet 38 of 44

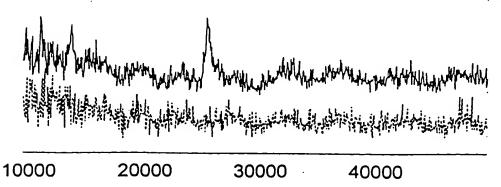
FIG. 27



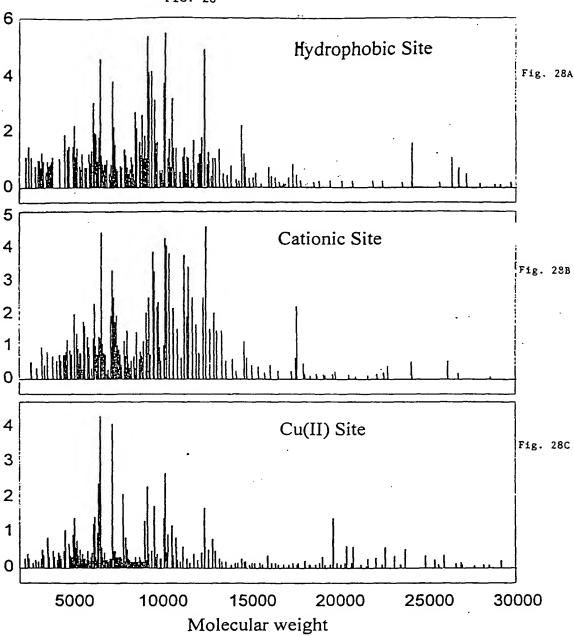


TGFβ (100 ng/ml 2.5xconditioned medium)

Fig. 27B







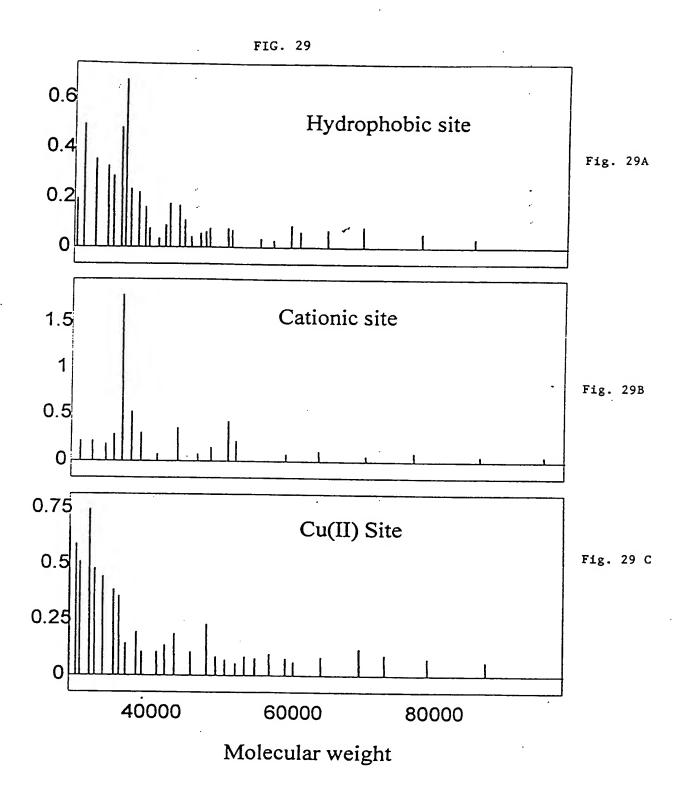


Figure 30

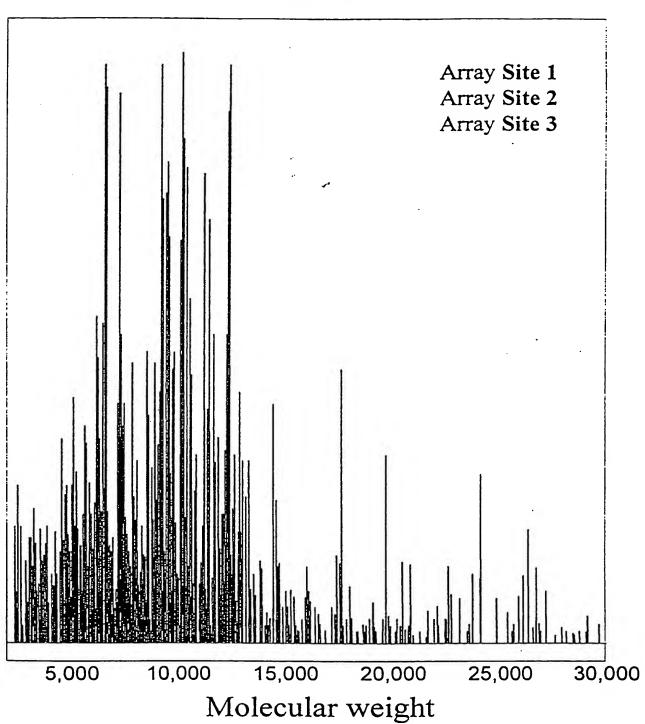
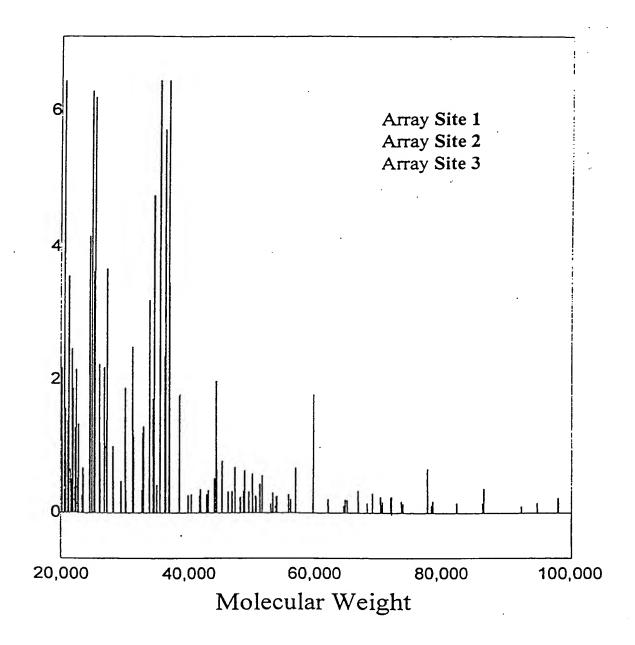
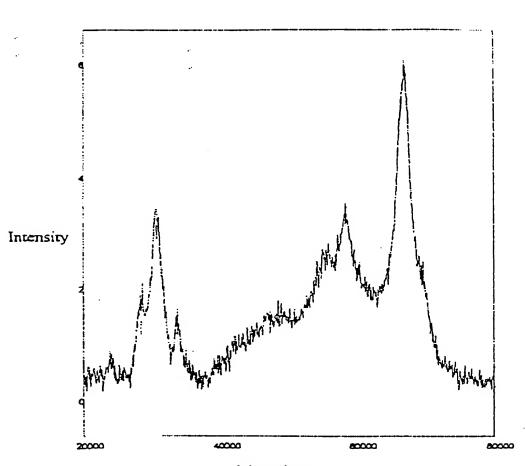


Figure 31



Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, et al.
'TATE CHROMATOGRAPHY AND PROTEIN CHIP
WITH APPLICATIONS IN BIOLOGY
Sheet 43 f 44 Title: RF

Figure 32

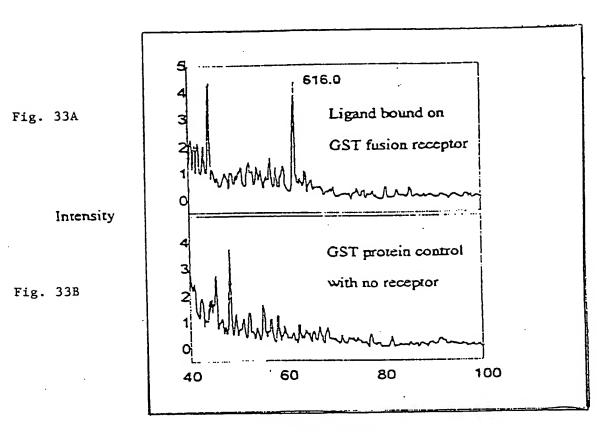


Mass/charge

Atty. Docket No.: 16866-002112
Applicant: T. William Hutchens, et al.
\TE CHROMATOGRAPHY AND PROTEIN CHIP A'
WITH APPLICATIONS IN BIOLOGY
Sheet 44 of 44

Title: RETF

FIG. 33



Mass/charge